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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 4

Complete if Known

Application Number	10/677,880
Filing Date	October 2, 2003
First Named Inventor	Ulrich Muller, et al.
Art Unit	2623
Examiner Name	V. BALI
Attorney Docket Number	0329-0009.01

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
VB		US- 3,731,508	05/08/1973	Sabatini et al.	
		US- 4,782,683	11/08/1988	Tippins et al.	
		US- 4,785,646	11/22/1988	Uekaji et al.	
		US- 4,809,528	03/07/1989	Lawson et al.	
		US- 5,016,281	05/1991	Eppler et al.	
		US- 5,085,066	02/04/1992	Komami et al.	
		US- 5,309,222	05/03/1994	Kamei et al.	
		US- 5,367,378	11/22/1994	Harding et al.	
		US- 5,488,478	01/30/1996	Bullock et al.	
		US- 5,996,384	12/07/1999	Steeper et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
VB ↓		DE OS 20 13 867	10/07/1971			
		JP 62-9711	01/17/1987			
		DE 37 21 746	01/19/1989			
		JP 2-229610	06/12/1990			
		FR 2 725 512	04/12/1996			

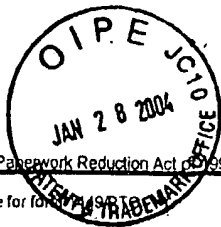
Examiner Signature		Date Considered	10/8/04
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Sheet 2 of 4

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Application Number	10/677,880
Filing Date	October 2, 2003
First Named Inventor	Ulrich Muller, et al.
Art Unit	2623
Examiner Name	J. BALI
Attorney Docket Number	0329-0009.01

U. S. PATENT DOCUMENTS

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		Number-Kind Code ² (if known)			
VB	1	US- 4,634,279	01/06/1987	Ross et al.	
	2	US- 5,155,363	10/13/1992	Steinbichler et al.	
	3	US- 5,175,601	12/29/1992	Fitts	
	4	US- 5,225,890	07/06/1993	Lee et al.	
	5	US- 5,307,152	04/26/1994	Boehnlein et al.	
	6	US- 5,359,668	10/25/1994	Lahajje et al.	
	7	US- 5,448,359	09/05/1995	Schick et al.	
VB	8	US- 5,505,113	04/09/1996	Wiest	
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
VB	9	EP 0 470 815 A1	02/12/1992	Industrial Technology Inst.		
VB	10	DE 41 42 564 A1	06/24/1993	Fa. Carl Zeiss		✓
VB	11	WO 94/05968 A1	03/17/1994	John M. Fitts		
VB	12	FI 950748	08/18/1996	Spectra-Physics Visiontech		

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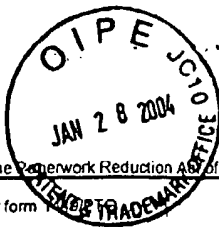
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Application Number	10/677,880		
Filing Date	October 2, 2003		
First Named Inventor	Ulrich Muller, et al.		
Art Unit	2628		
Examiner Name	V. BALI		
Attorney Docket Number	0329-0009.01		
Sheet	3	of	4

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
VB	13	LIPPINCOTT, ET AL., "Optical-Digital Detection of Dents and Scratches on Specular Metal Surfaces," Applied Optics, August 15, 1982, pp. 2875-2881, Vol. 21, No. 16.	
VB	14	PIRLET, R, ET AL., "A Noncontact System for Measuring Hot Strip Flatness," Iron and Steel Engineer, July 1983, pp. 45-50,	
VB	15	H. MARGUERRE, "Automatisierte Qualitätsprüfung glänzender Oberflächen an Gebrauchsgegenständen durch strukturierte Beleuchtung," Feinwerttechnik & Messtechnik 93, 1985, pp. 35-37.	✓
VB	16	"Hot Strip Mill Profile and Flatness Study - Phase I," Association of Iron and Steel Engineers," October 1986, pp. 10-13 and 31-33.	
VB	17	"Hot Strip Mill Profile and Flatness Study - Phase II," Association of Iron and Steel Engineers," July 1989, pp. 59 and 108.	
VB	18	DITZHUIJZEN, ET AL., "36 Performance Increase of Hot Strip Mills After Renovation," Dimensional Control in Rolling Mills, September 11-13, 1990, Imperial College, London, UK, pp. 321-333, Vol. 1.	
VB	19	BREUCKMANN, B., ET AL., "Sensoren und Geräte für die 3D-Meßtechnik," Fertigungsmesstechnik, 1992, pp. 383-386, Verlag, München.	✓
VB	20	GMA-Bericht 23, "Optisches Messen von Länge und Gestalt," (Manuskripte der Beiträge zum VDI/VDE-Aussprachetag, 11 and 12, October 1994, Dusseldorf, Germany.	✓
VB	21	KANTOLA, PEKKA, ET AL., "A New Solution to Flatness Measurement," Steel Times, August 1995, pp. 296, 298, Rautarukki Oy, Finland.	
VB	22	VASCOTTO, MARCO, "High Speed Surface Defect Identification on Steel Strip," MPT International, April 1996, pp. 70, 72-73, Trento (TN), Italy.	

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Sheet

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Art Unit	2623
Examiner Name	V. BALI
Attorney Docket Number	0329-0009.01

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
VB	23	BREUCKMANN, BERND, ET AL., "Industrielle Praxis der topometrischen 3D-Messtechnik," (Industrial applications of topometrical 3D-metrology) pp. 195 and 200.	✓
VB	24	BREUCKMANN, BERND, ET AL., "Bildverarbeitung und optische Messtechnik in der industriellen Praxis," , Franzis', pp. 124-154.	✓
VB	25	GERSPACHER, PIRMIN, ET AL., "Berührungslose Ebenheits-prufung und Oberflächen-inspection," Vol. 12, pp. 256, 265, and 275.	✓
VB	26	BREUCKMANN, "Prospekt optoSIS S/S Oberflächen-Inspektions-System.	✓

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Considered

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